

Building a handwriting recognition program

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Abstract: In the context of the rapid development of information technology and image processing, building a handwriting recognition program has become increasingly important to serve various practical applications such as information security and assisting people with disabilities. The objective of this project is to develop an automated system for the handwriting recognition process by applying image processing and machine learning techniques. The research methodology includes collecting handwriting sample data, image preprocessing, feature extraction, and building a classification model. The system is expected to achieve high recognition accuracy, making a significant contribution to the fields of information technology and machine learning.

Keywords: handwriting, machine learning, image processing, character recognition, project